

By: Radovan Kovacevic, et al

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FIG. 1A

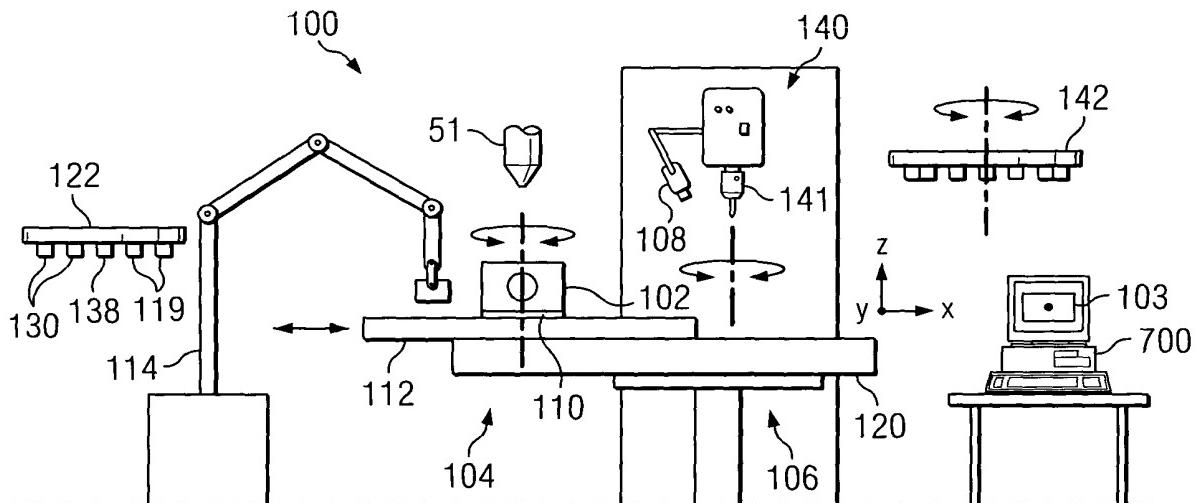
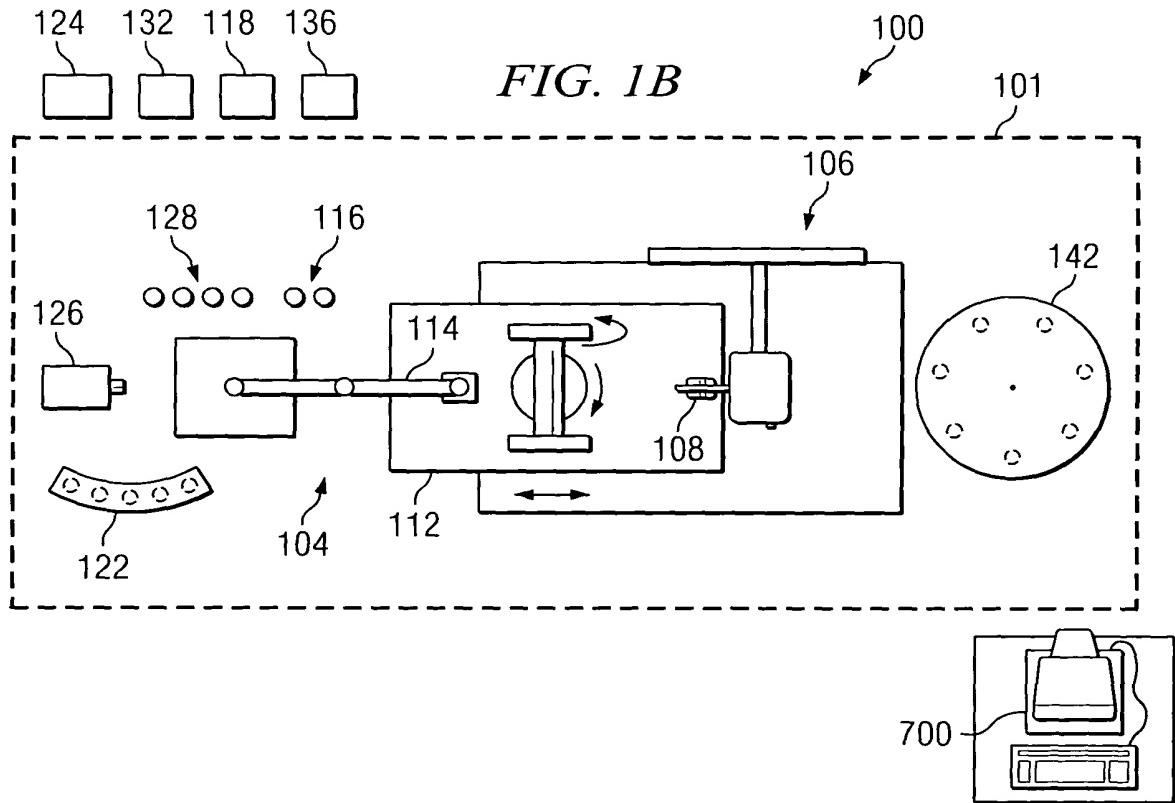


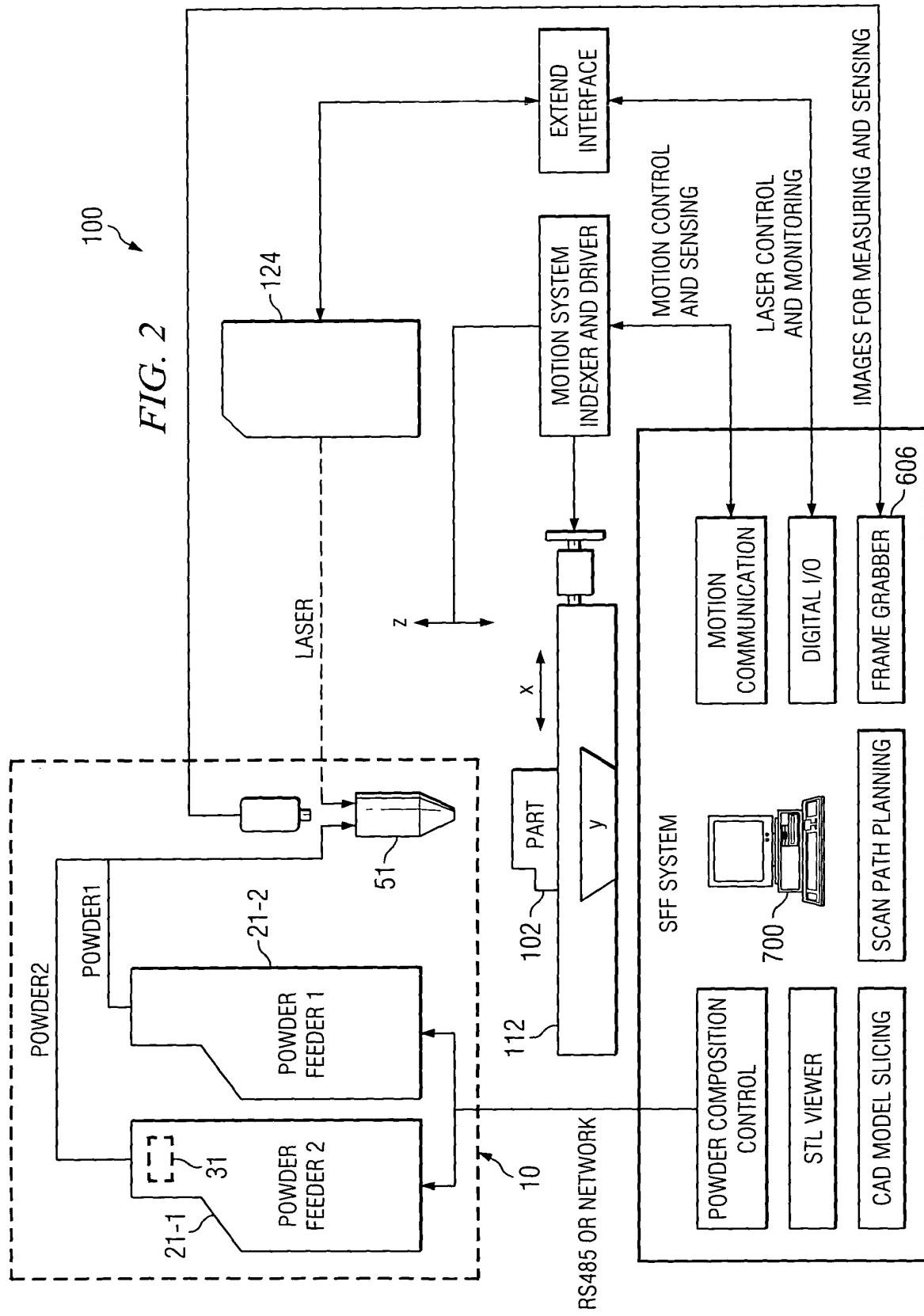
FIG. 1B



Attorney's Docket No. 021791.0112
System and Method for Controlling the Size
of the Molten Pool in Laser-Based Additive
Manufacturing

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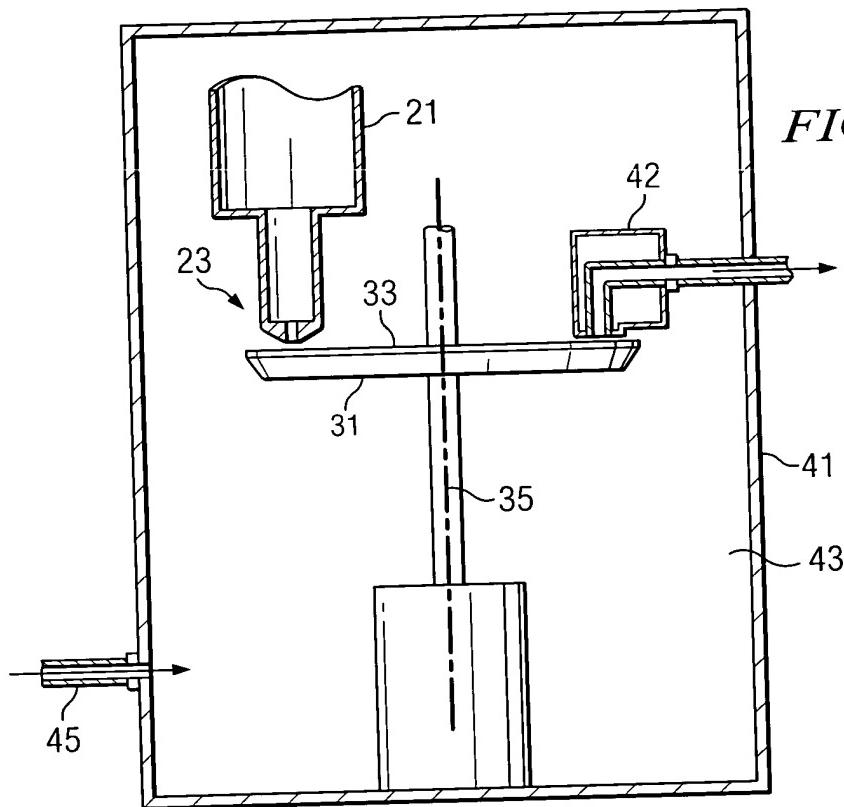


FIG. 3

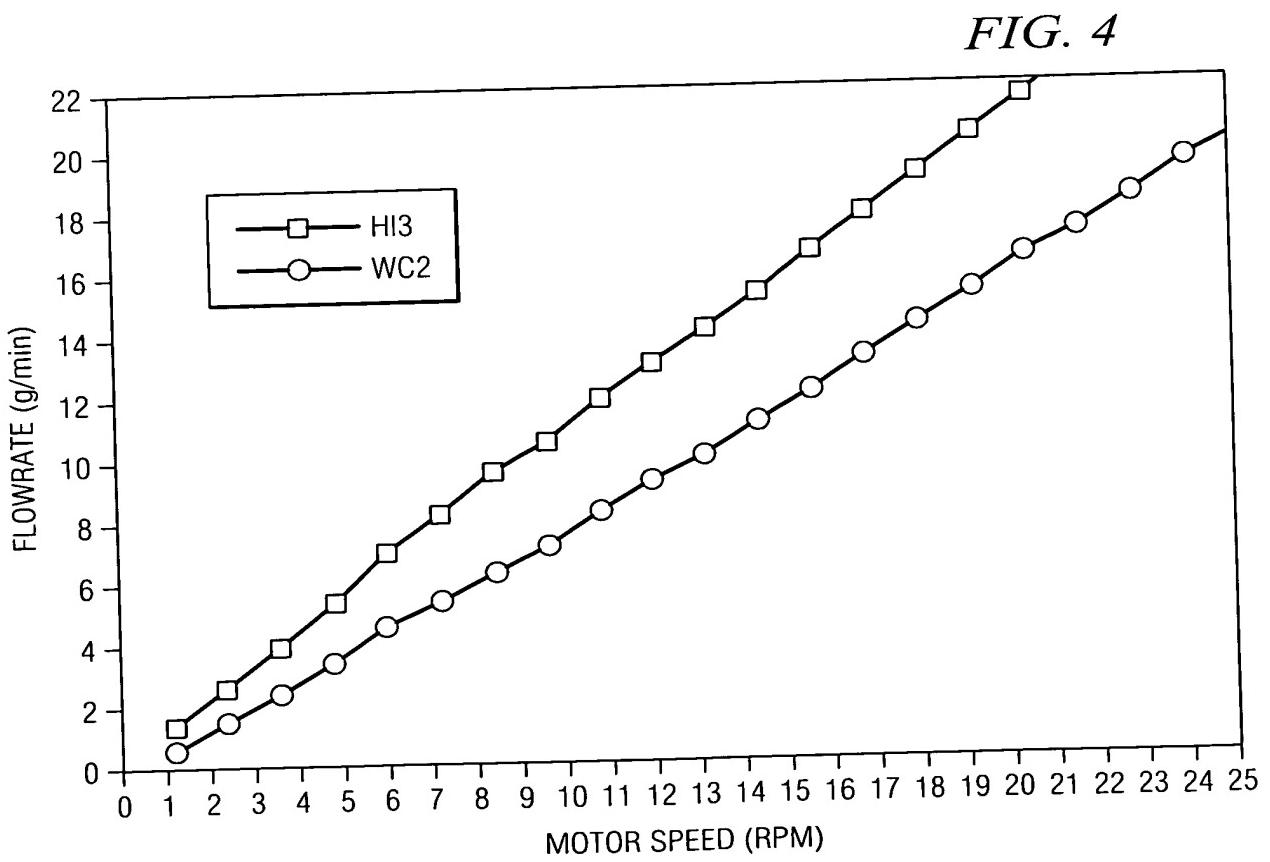


FIG. 4

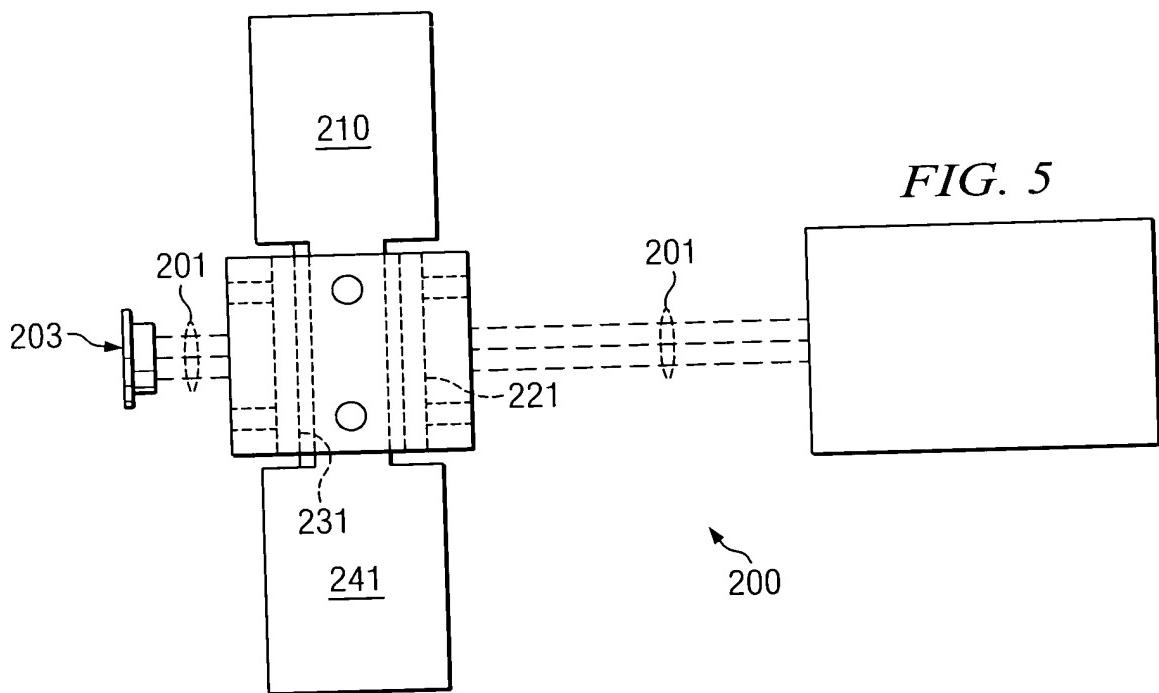


FIG. 7

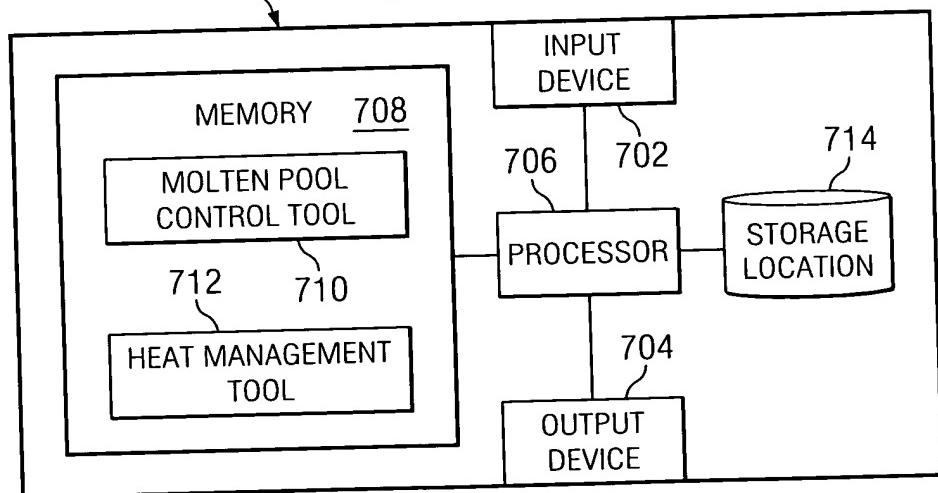
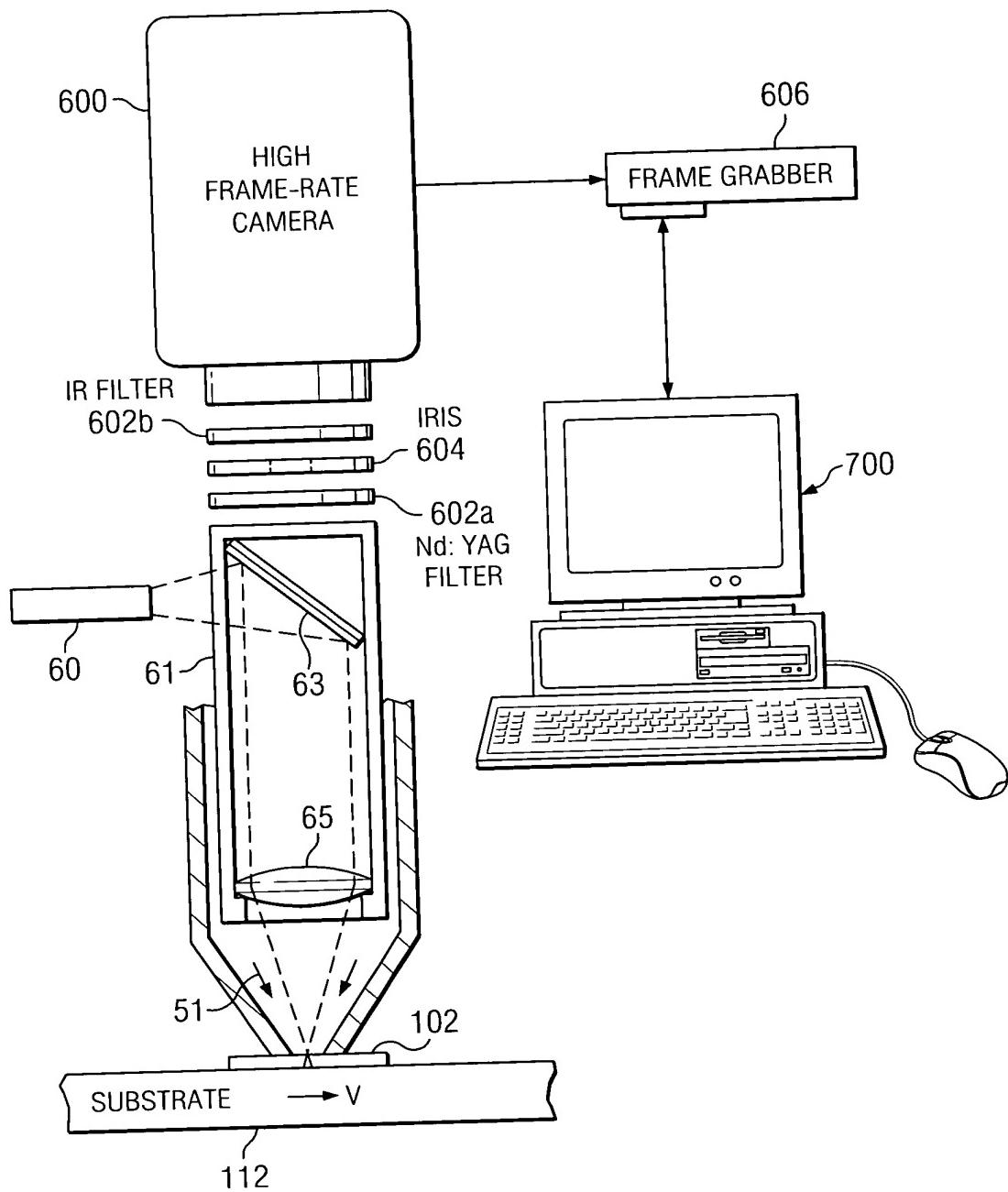


FIG. 6



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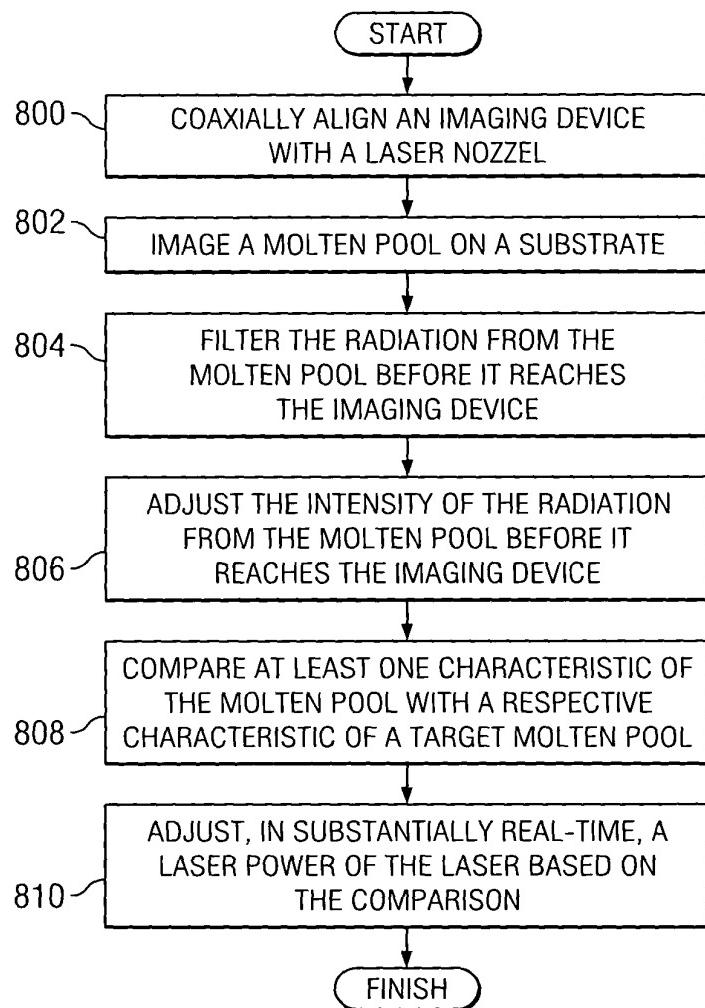


FIG. 8A

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FIG. 8B

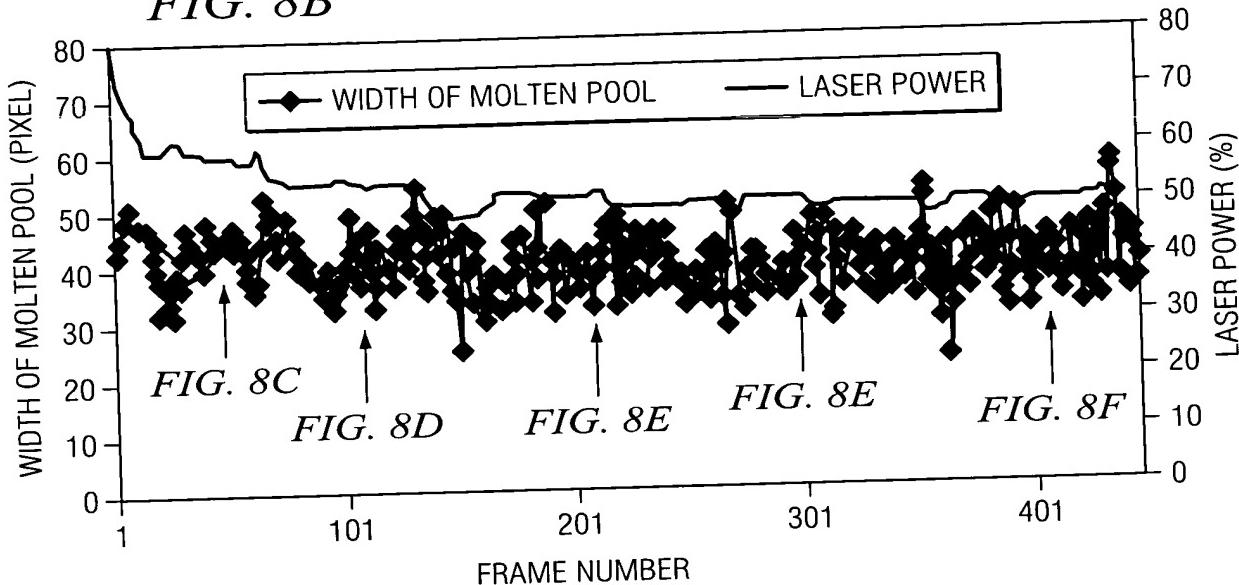


FIG. 8C 816

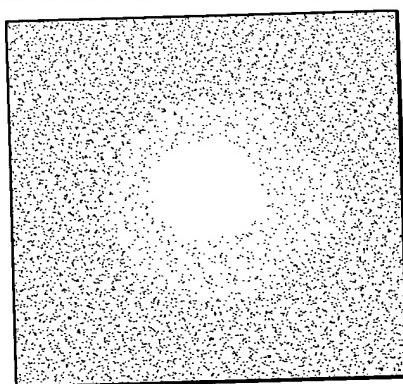


FIG. 8D 816

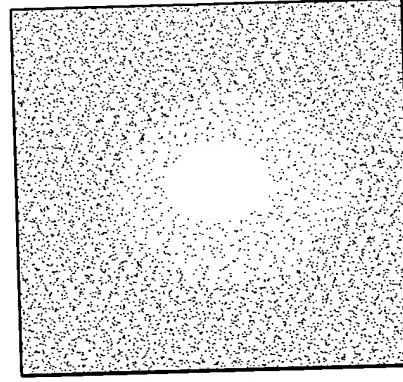


FIG. 8E 816

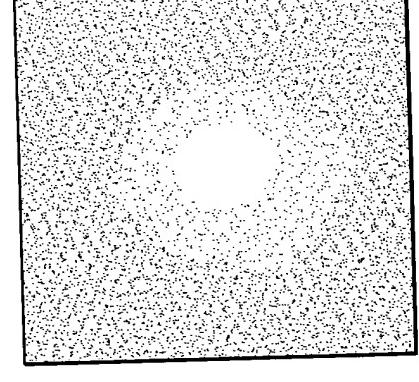


FIG. 8F 816

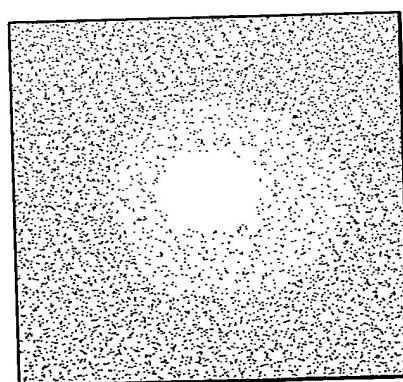
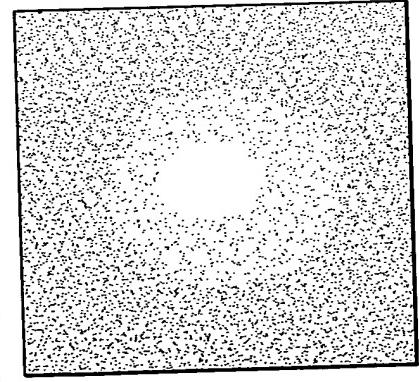


FIG. 8G 816



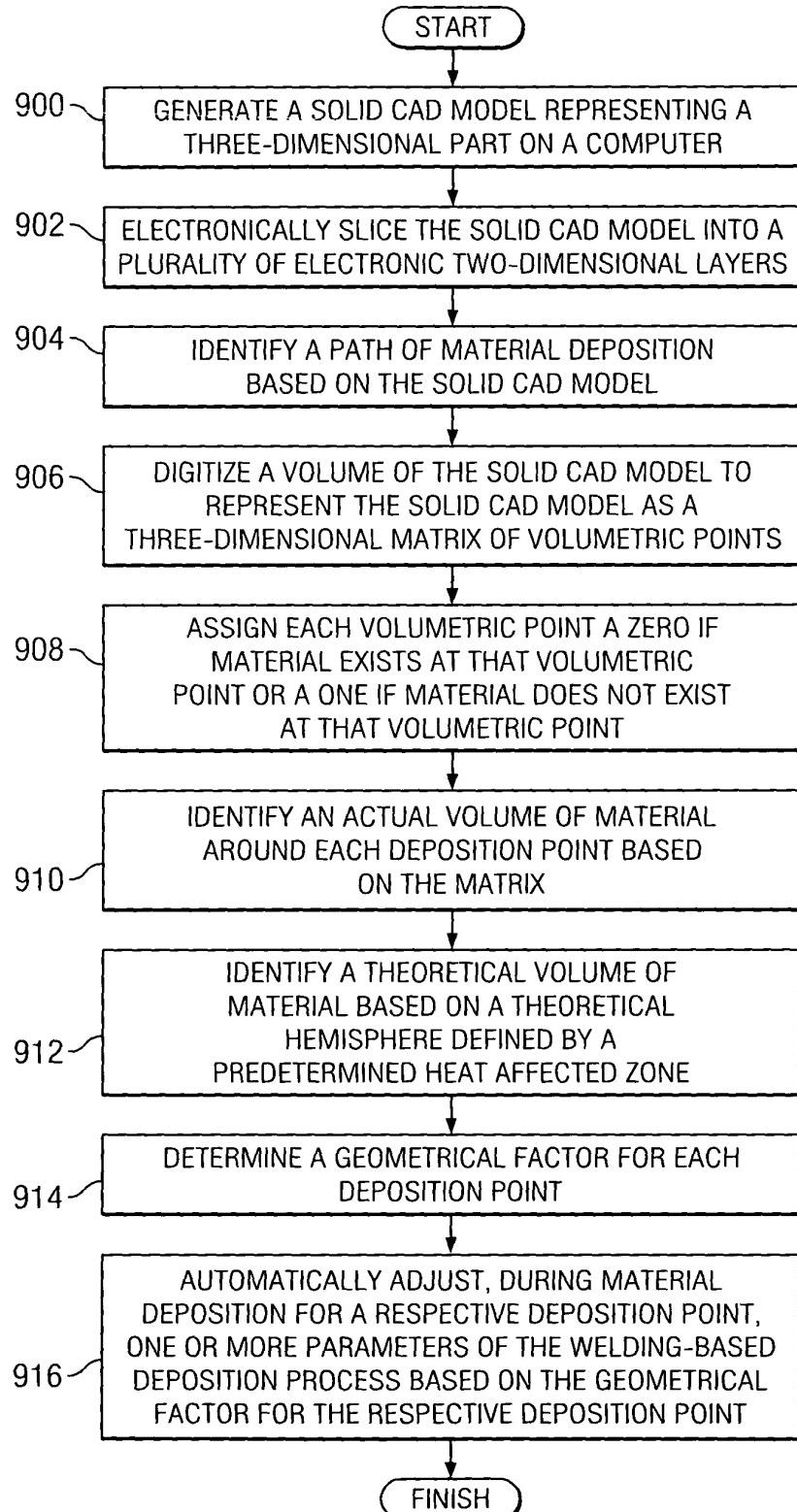


FIG. 9